



ATTORNEY DOCKET NO. 22000.0106U2  
SERIAL NO. 10/027,797  
Page 1 of 1

Form PTO-1449  
U.S. DEPARTMENT OF COMMERCE (Rev. 7-80)  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.: 22000.0106U2

SERIAL NO. 10/027,797

APPLICANT: Brigham et al.

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

FILING DATE: December 20, 2001

GROUP: 3764

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SN	A1	5,364,791	11/15/94	Vegeto et al.	435	320.1	JUN 12 2002
SN	A2	5,676,954	10/14/97	Brigham	434	450	JUN 19 2002
SN	A3	5,756,353	5/26/98	Debs	574	44	JUN 12 2002

FOREIGN PATENT DOCUMENTS

SN	A4	92/19730	12.11.92	WO/PCT			
SN	A5	93/12240	24.06.93	WO/PCT			
SN	A6	93/12756	08.07.93	WO/PCT			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SN	A7	Bedard, M. et al., "Release of Interleukin-8, Interleukin-6, and Colony-stimulating Factors by Upper Airway Epithelial Cells: Implications for Cystic Fibrosis," <i>Am. J. Respir. Cell Mol. Biol.</i> , 9:455-462 (1993)
	A8	Boat, T.F. et al., "Cystic Fibrosis," <i>The Metabolic Basis of Inherited Disease</i> , 2649-2680 (1989)
	A9	Brigham, K. et al., "Gene Therapy in Acute Critical Illness," <i>New Horizons</i> 3(2):321-329 (1995)
	A10	Campbell, E.J. et al., "Pericellular Proteolysis by Neutrophils in the Presence of Proteinase Inhibitors: Effects of Substrate Opsonization," <i>J. Cell Biol.</i> 106:667-676 (1988)
	A11	Canonico, A.E. et al., "Plasmid-Liposome Transfer of the $\alpha_1$ Antitrypsin Gene to Cystic Fibrosis Bronchial Epithelial Cells Prevents Elastase-induced Cell Detachment and Cytokine Release," <i>Am. J. Respir. Cell. Mol. Biol.</i> 14:348-355 (1996)
	A12	Canonico, A. et al., "Aerosol and Intravenous Transfection of Human $\alpha_1$ -Antitrypsin Gene to Lungs of Rabbits," <i>Am. J. Respir. Cell Mol. Biol.</i> 10:24-29 (1994)
	A13	Canonico et al., "No lung toxicity after repeated aerosol or intravenous delivery of plasmid-cationic liposome complexes," <i>J. Applied Physiol.</i> 77:415-419 (1994)
	A14	Cantin, A.M. et al., "Antineutrophil Elastase Activity in Cystic Fibrosis Serum," <i>Pediatr. Pulmonol.</i> 11:249-253 (1991)
	A15	Conary et al., "Protection of Rabbit Lungs from Endotoxin Injury by In Vivo Hyperexpression of the Prostaglandin G/H Synthase Gene," <i>J. Clin. Invest.</i> 93:1834-1840 (1994)
	A16	Cozens, A.L. et al., "Characterization of Immortal Cystic Fibrosis Tracheobronchial Gland Epithelial Cells," <i>Proc. Natl. Acad. Sci. USA</i> 89:5171-5175 (1992)
	A17	Falk, W. et al., "A 48-Well Micro Chemotaxis Assembly for Rapid and Accurate Measurement of Leukocyte Migration," <i>J. Immunol. Methods</i> 33:239-247 (1980)
	A18	Hubbard, R.C. et al., "Fate of Aerosolized Recombinant DNA-Produced $\alpha_1$ - antitrypsin: Use of the Epithelial Surface of the Lower Respiratory Tract to Administer Proteins of Therapeutic Importance," <i>Proc. Natl. Acad. Sci. USA</i> 86:680-684 (1989)
SN	A19	Johnson, "Gen Therapy for Cystic Fibrosis," <i>Chest</i> . 107:77S-83S (1995)



COPY OF PAPERS  
ORIGINAL FILED

TORNEY DOCKET NO. 22000.0106U2  
SERIAL NO. 10/027,797  
Page 2 of 1

gm	A20	Kay et al., "In Vivo Therapy of Hemophilia B: Sustained Partial Correction in Factor IX-Deficient Dogs," <i>Science</i> 262:117-119 (1993)
	A21	Korst et al., "Gene therapy for the Respiratory Manifestations of Cystic Fibrosis," <i>Am. J. Respir. Crit. Care Med.</i> 151:575-587 (1995)
	A22	McCain, R. et al., "Granulocyte/Macrophage Colony-stimulating Factor Stimulates Human Polymorphonuclear Leukocytes to Produce Interleukin-8 <i>In Vitro</i> ," <i>Am. J. Respir. Cell Mol. Biol.</i> 8:28-34 (1993)
	A23	McElvaney, N.G. et al., "Aerosol $\alpha$ 1-Antitrypsin Treatment for Cystic Fibrosis," <i>Lancet</i> 337:392-394 (1991)
	A24	McElvaney, N.G. et al., "Modulation of Airway Inflammation in Cystic Fibrosis," <i>J. Clin. Invest.</i> 90:1296-1301 (1992)
	A25	Meyer, K.C. et al., "Studies of Bronchoalveolar Lavage Cells and Fluids in Pulmonary Sarcoidosis," <i>Am. Rev. Resp. Disease</i> 140:1446-1449 (1989)
	A26	Nakamura, H. et al., "Neutrophil Elastase in Respiratory Epithelial Lining Fluid of Individuals with Cystic Fibrosis Induces Interleukin-8 Gene Expression in a Human Bronchial Epithelial Cell Line," <i>J. Clin. Invest.</i> 89:1478-1484 (1992)
	A27	Orkin et al., "Report and recommendations of the panel to assess the NIH investment in research on gene therapy," 1-41 (1995)
	A28	Persmark, M. et al., "Inhibition of Respiratory Syncytial Virus (RSV) Infectivity by Liposome-Mediated Antiprotease Gene Transfer," <i>J. Invest. Med.</i> 43 S:220A (1995)
	A29	Richman-Eisenstat, J.B.Y. et al., "Interleukin-8: an Important Chemoattractant in Sputum of Patients with Chronic Inflammatory Airway Diseases," <i>Am. J. Phys.</i> 264:L413-L418 (1993)
	A30	Ruef, C. et al., "Regulation of Cytokine Secretion by Cystic Fibrosis Airway Epithelial Cells," <i>Eur. Respir. J.</i> 6:1429-1436 (1993)
	A31	Suter, S. et al., "Levels of Free Granulocyte Elastase in Bronchial Secretions from Patients with Cystic Fibrosis: Effect of Antimicrobial Treatment Against <i>Pseudomonas Aeruginosa</i> ," <i>J. Infect. Dis.</i> 153:902-909 (1986)
	A32	Suter, S. et al., "Proteolytic Inactivation of $\alpha$ <sub>1</sub> -Proteinase Inhibitor in Infected Bronchial Secretions from Patients with Cystic Fibrosis," <i>Eur. Respir. J.</i> 4:40-49 (1991)
	A33	Tomlinson et al., "Controllable gene therapy pharmaceuticals of non-viral gene delivery systems," <i>J. Controlled Release</i> 39:357-372 (1996)
gm	A34	Uglea, C.V. et al., "Medical Applications of Synthetic Oligomers," <i>Polymeric Biomaterials</i> 725-747 (1993)
EXAMINER: Shin-Lin Chen		DATE CONSIDERED: 6-22-04
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

TECHNOLOGY CENTER R3730

JUN 12 2002